

IN THE CLAIMS:

1. (Canceled) Please cancel claim 1.
2. (Canceled) Please cancel claim 2.
3. (Canceled) Please cancel claim 3.
4. (Canceled) Please cancel claim 4.
5. (Canceled) Please cancel claim 5.
6. (Canceled) Please cancel claim 6.
7. (Canceled) Please cancel claim 7.
8. (Canceled) Please cancel claim 8.
9. (Currently Amended) ~~A solid-state imaging element as claimed in claim 1,~~ A solid-state imaging element, comprising:
unit pixels, arranged in a matrix, each of which have a photoelectric conversion element, a transfer switch for transferring charge stored in said photoelectric conversion element, a charge store part for storing charge transferred by said transfer switch, a reset switch for resetting said charge store part, and an amplifying element for outputting a signal in accordance with a potential of said charge in said charge store part;
a vertical scanning circuit for selecting pixels in units of rows by controlling a reset potential applied to selected ones of said reset switches;
a horizontal scanning circuit for sequentially selecting signals output to said vertical signal lines; and

an output circuit for outputting signals selected by said horizontal scanning circuit,

wherein said unit pixels include a transfer selection switch for selecting a transfer operation of said transfer ~~switches~~ switch.

10. (Original) A solid-state imaging element as claimed in claim 9, wherein said transfer selection switch makes a controlled input of said vertical selection pulses.

11. (Original) A solid-state imaging element as claimed in claim 9, wherein said output circuit outputs signals read into said vertical signal lines in current mode.

12. (Canceled) Please cancel claim 12.

13. (Canceled) Please cancel claim 13.

14. (Canceled) Please cancel claim 14.

15. (Canceled) Please cancel claim 15.

Please add the following new claims:

16. (Newly Added) A solid state imaging element, comprising:
a pixel, which has a photoelectric transfer element, a transfer switch for transferring charge stored in said photoelectric transfer element, a charge store part for storing charge transferred by said transfer switch, a reset switch for resetting said charge store part, and an amplifying element for outputting signal in accordance with the potential of said charge store part to vertical signal lines;

wherein said reset switch is comprised of a depression type transistor.

17. (Newly Added) A solid-state imaging element according to claim 16, wherein said transfer switch is an enhancement type transistor.
18. (Newly Added) A solid state imaging element according to claim 16, wherein said amplifier is an enhancement type transistor.
19. (Newly Added) A solid state imaging element comprising:
a pixel, which has a photoelectric transfer element, a transfer switch for transferring charge stored in said photoelectric transfer element, a charge store part for storing charge transferred by said transfer switch, a reset switch for resetting said charge store part, and an amplifying element for outputting signal in accordance with the potential of said charge store part to vertical signal lines;
wherein negative voltage is applied to the gate of said reset switch.